



INSTRUCTIONS FOR CARBON INFRARED HEATER



Redfern
Home + Health

ASSEMBLE & OPERATION INSTRUCTION

Please read carefully and save these instructions

Congratulations on purchasing the iQ Heat® Pro Heater.

SAFETY INSTRUCTIONS

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electrical shock and injury to persons, including the following:



WARNING: FIRE RISK EXISTS IF THE HEATER IS COVERED BY OR POSITIONED CLOSE TO CURTAINS OR OTHER COMBUSTIBLE MATERIALS.

WARNINGS

- This heater is not equipped with a device to control the room temperature.
- Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
- Read all instructions before installing and using this heater.
- The heater must be installed at least 2.4m above the floor.
- This heater is designed for use on a 110V AC supply only.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety.
- Children should be supervised to ensure they do not play with the appliance.
- The fireguard of this heater is intended to prevent direct access to heating elements and must be in place when the heater is in use.
- This heater must be earthed. Connect to properly grounded outlets only.
- Ensure both plug and socket is clean and free from dust when using.
- To disconnect the heater from the power supply, turn off the heater, switch off the power point, grip the plug and pull the power socket.
- Never pull from the cord.
- Never touch the plug with wet or moist hands.
- Regularly inspect the power cord and plug for wear or damage and do not operate the heater with a damaged cord, or loose socket or after heater malfunctions, or had been dropped or damaged in any manner.
- Do not use the heater if the heating element is cracked or broken.

WARNINGS

- The heater must not be located immediately below or in front of a socket outlet or connection box.
- Keep combustible materials such as furniture, pillows, bedding, paper, clothes and curtains at least 1.5m from the front of the heater.
- Do not allow the supply cord to sit or hang in front of the heater while in use.
- Do not use the heater in areas where gasoline, paint, flammable liquids or highly combustible dusts are stored or used.
- If this heater is to be used in a bathroom, it is to be installed so that switches and other controls cannot be touched by a person in the bath or shower.
- Never locate heater where it may fall into a bathtub or other water container.
- Extreme care should be taken whenever the heater is left operating and unattended.
- Never use the heater while sleeping.
- Do not cover the heater.
- Do not insert any object into the heater.
- Never touch the heater while in use.
- Always disconnect the heater from the electricity supply and allow it to cool before adjusting the position or attempting to work on it.
- The heater is in standby mode when plugged in and can be turned on by remote. When not in use, remove the plug from the wall socket outlet to completely turn off the heater.
- When used outdoors, always use a weather proof outlet and a residual current device.
- The iQ Heat® Pro is protected from rain sprays. Do not direct water at the heater, e.g. splashing or from a garden hose.

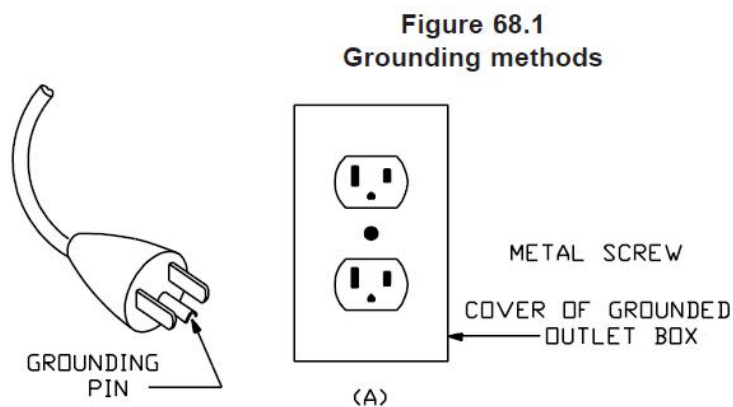
SAVE THESE INSTRUCTIONS

Introduction

The iQ HEAT® PRO carbon infrared heaters produce instant and comfortable heat like the sun. These robust and weatherproof heaters are designed for domestic and commercial heating applications within indoor and outdoor areas.

Model	iQ HEAT® PRO 1500
Voltage(V)	120 V AC
Wattage(W)	1500
Hertz(Hz)	60
Dimensions W×H×D(cm)	90×13×8.9
Weight(KG)	3.0

This heater is for use on 120 volts. The cord has a plug as shown at A in Figure 68.1.



INSTALLATION

Tools Needed:

* Pencil *Hammer *Level *Screw Driver *Power Drill and drill bits

A wall mounting bracket is provide with the heater which has been specifically designed to allow this product to be fitted to a ceiling before drilling the holders for the ceiling is solid and that there are no hidden water pipes or electric wires. The heater must be installed no less than 19.7"from side walls and no less than 2.4m off the floor.

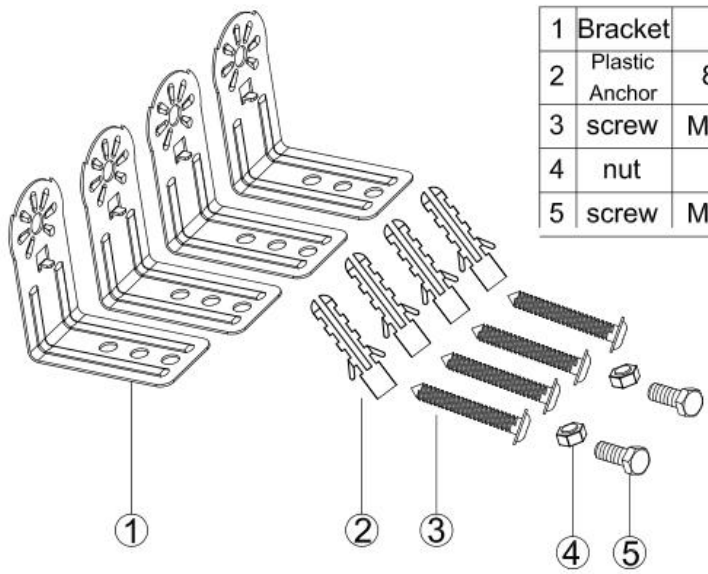
ATTENTION! The appliance must be installed on the solid surfaces like concrete, wood or metal etc.

Important: Ensure that the supply cables is well mounted and that it does not come into contact with reflector of the heater or that does not trail into heated area, the supply cable can be fixed to the metal mounting bracket behind heater with plastic zip ties.

1. This heater should be installed by a competent person, i.e. a qualified electrician.
2. Always disconnected the heater from the electricity supply and allow it to cool before installation.
3. For ceiling mounting, the lowest part of the heater must be located at or above a minimum height of 2.4m from ground level, so that the heater can not be touched when in operation.
4. For ceiling mounting, there must be a 2.4m distance from your appliance to the ground.
5. When installed to the ceiling, there must be a distance of 0.5m between corners and the appliance.
6. The distance of your appliance from the living beings is to be min 1m.
7. The distance from the front side of the heater to materials such as wood, carton, cloth etc., must be min 1m.
8. When mounting to a ceiling, do not position the heater at an angle more than 90°and less than 45°.
9. The supply cable must be at the lower end of the heater if the heater is installed at an angle or vertically.
10. Keep the supply cord away from the body of the heater which will get hot during use.
11. Do not install the heater on an inflammable surface.
12. Observe the minimum safe distance between the heater body and the inflammable surfaces when mounted.
13. The heater should always have a minimum clearance of 0.5m from a ceiling and adjacent walls.
14. If the heater is to be used outside, a weatherproof outlet is recommended.
15. Before drilling ensure that there are no wires or water pipes in the area where the heater is to be installed.
16. The heater must be installed on the mounting brackets provided.
17. Fasten the brackets securely to the mounting surface and the backside of the heater using the nuts and screws supplied.
18. Fasten the heater securely on the brackets using the nuts and bolts supplied.
19. The brackets can be used to adjust the direction of the heater, adjust the heater angle by loosening the two bolts on the wall mounting bracket, tighten the bolts again when the desired angle is reached.

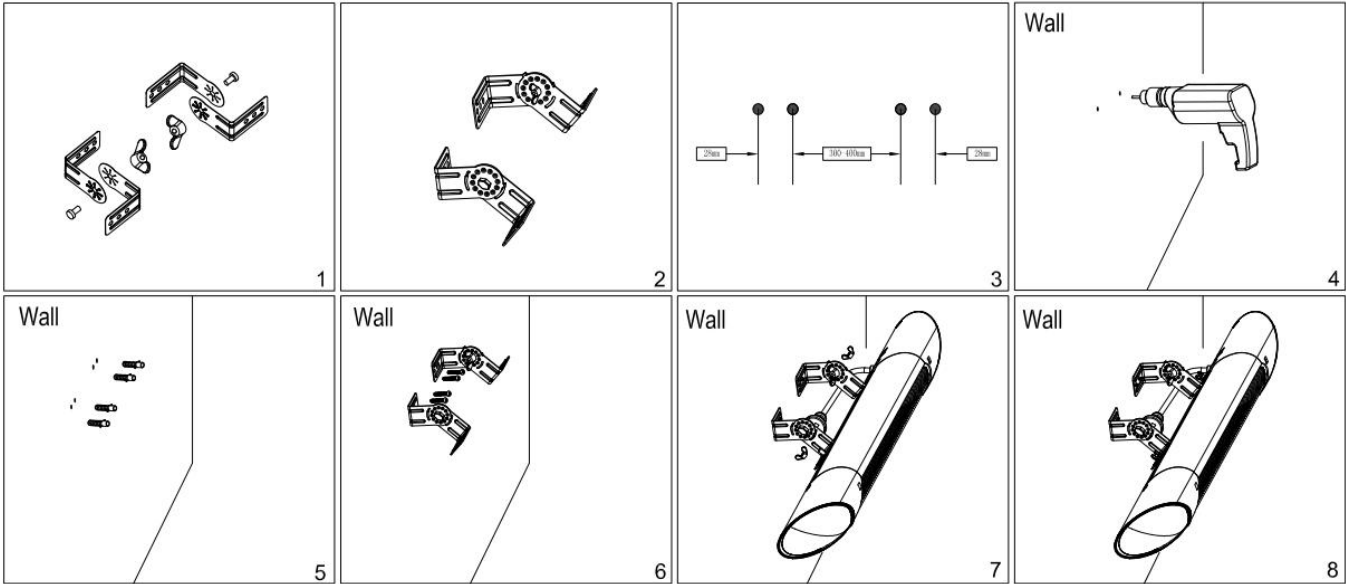
Installation Accessories:

Installation Accessories Team:

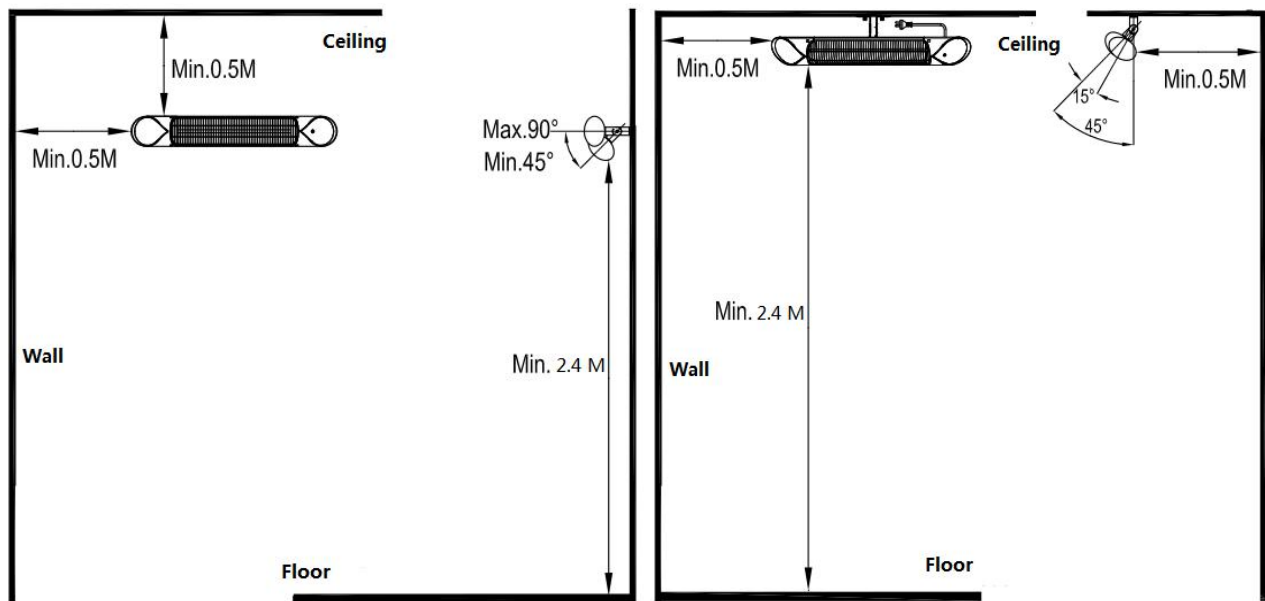


1	Bracket	L shape	4PCS
2	Plastic Anchor	8mm*31mm	4PCS
3	screw	M5mm*25mm	4PCS
4	nut	M6mm	2PCS
5	screw	M6mm*12mm	2PCS

Wall mounted installation



Ceiling mounted installation



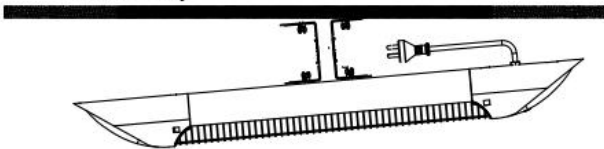
Correct Wall / Ceiling Position

IMPORTANT:

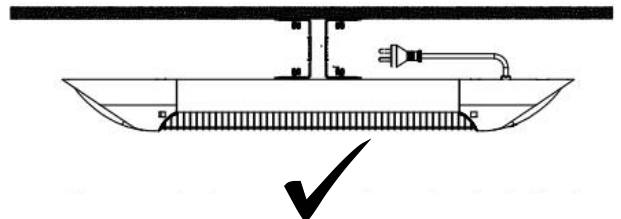
1.Products can not be tightly installed



2.The product power cord can not be mounted horizontally



The product requires an L bracket to separate the product from the mounting plate

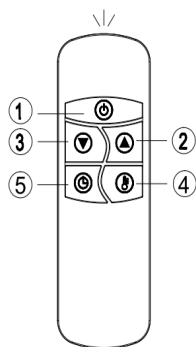


OPERATING

Product Key Function:

1. Turn on the power, the product is standby mode display (- -);
2. Press key function: press the button, then press the heat levels (L1-L2-L3 - standby - off)

Remote Control Instructions



1. **POWER BUTTON:** Turn the heater off.
2. **UP BUTTON:** Increase timer and level.
3. **DOWN BUTTON:** Decrease timer and level.
4. **LEVEL BUTTON:** Use to adjust the heat levels(L1-L3). Press the Level button then use the up and down buttons(buttons 2 and 3) to increase or decrease the heating level.
5. **TIMER BUTTON:** To set the timer from 0H-9H, which is the number of hours it will run. 0H will display and then adjust to the number of hours you would like to set, using the up and down buttons(2 and 3).

Noted: All iQ HEAT® PRO 1500 heaters and their remote controls have the same frequency, so it is possible to control several heaters with just one remote.

Inserting Batteries

Insert 2 AAA/ Alkaline type batteries into your remote control

1. Flip the backside of your remote control and pull out battery cover. Insert the batteries in accordance with the instructions and polarity the batteries.
2. Change the batteries in the same way depicted above.

NOTICE:

1. Replace the old batteries with the same type batteries. Otherwise, your heater may not function well.
2. Pull out the batteries in case of long terms of disuse to prevent leakage which may impair your remote control.
3. Do not allow water or liquid to get into the remote control.

Caution:

When the appliance is not operated for a long period of time, cleaning or maintenance is conducted or when the location of the heater is changed, the heater should be turned to OFF and unplugged from the electrical connection.

Periodic inspection and removal of dirt and contaminants will ensure that equipment can be operated safely.

Troubleshooting

1. Check if the power cord is plugged into an electrical outlet, if not, plug in.
2. Check if electricity to the main fuse is working
3. Check to see if the thermostat knob is to the ON position
4. Check the thermostat setting, The heater may be off because it has reached the desired temperature setting.

E1 Error on Display: Control unit overheat. Check installation clearances.

E2 Error on Display: Tip over function, Make heater less than 60° working angle and restart heater

L1,2,3, shows in display, but no heat: Bulb is damaged. Arrange for replacement bulb with local Dealer.

MAINTENANCE

Attention! Careful and regular maintenance of your heater considering our instructions assume great importance so as to attain a long efficient operation of your appliance.

1. Check the filthiness of the Reflector and IR-Filament at least once a month. If necessary, apply cleaning and maintenance instructions.
2. The number of checks may be increased considering the amount of the dust in the environment.
3. Check the deformation of the Reflector, Wire and Frame visually while cleaning the appliance. In case of deformation, consult to your technical service.
4. Check the Power Cord and Plug visually while cleaning the appliance. In case of deformation, consult to your technical service.

CLEANING

Regular and careful cleaning helps your infrared heater operate efficiently for many trouble free years. To clean your heater follow steps below:

1. Unplug the power cord for your safety before cleaning your appliance.
2. Make sure the heater is cool before continuing.
3. To keep the heater clean, the outer shell may be cleaned with a soft, damp cloth. You may use a mild detergent if necessary. After cleaning, dry the unit with a soft cloth. (CAUTION: DO NOT let liquids enter the heater).
4. DO NOT use alcohol, gasoline, abrasive powders, furniture polish or rough brushes to clean the heater. This may cause damage or deterioration to the surface of the heater.
5. DO NOT immerse the heater in water
6. Wait until the heater is completely dry before use.

Storage: Store the heater in a cool, dry location when not in use to prevent dust and dirt build up. Use packaging carton to store.

ATTENTION:

1. Always disconnect the heater from the electricity supply and allow it to cool before attempting to work on it.
2. If the heater has collected dust or dirt inside the unit or around the heating element, have to unit cleaned by a qualified service agent. Do not operate the heater in this condition.
3. The only maintenance required is cleaning of the external surfaces of the heater.
4. Do not touch the heating element with bare fingers, as residue from your hand could affect the life of the lamp. If it is accidentally touched, remove the finger marks with a soft cloth moistened with mentholated spirit or alcohol.
5. Do not attempt to repair or adjust any electrical or mechanical functions on this heater.
6. The heater contains no user serviceable parts. Should the product suffer damage or breakdown, it must be returned to the manufacturer or its service agent.
7. Damaged supply cords to be replaced by the manufacturer, service agent or similarly qualified person in order to avoid hazard.

RECYCLING

At the end of the electrical products useful life it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.

1 Year Limited Warranty

This product is warranted for 1 year from the original date of purchase, against defects in materials and/or workmanship when utilized for normal household use. During this period if the unit is proved defective it will be repaired or replaced at the discretion of the service technician.

The unit shall be returned, by original purchaser, freight prepaid with proof of original purchase date and \$39.99 return shipping/handling charges included. Redfern Enterprises does not accept C.O.D.'s and will not reimburse for any fees associated with the return or shipping of the item.

This warranty does not apply to any defect arising from a buyers misuse, negligence, failure to follow instructions, use on current or voltage other than that stamped on the unit or repairs not authorized by a Redfern Ent. technician will null and void the warranty.

If you believe that your product is defective, contact Redfern Enterprises Customer Services Department:

CANADA

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Calgary, AB T3Z 2A7

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Obtain a return authorization number (RA Number) and bring in or send prepaid to the Service Center with proof of original purchase date, and prepaid return shipping of \$39.99. See contact info above for RA Number.